AND TRADEMARK OFFICE OCT 2 6 2004

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEFARTMENT OF COMMUNICATION OF COMMUNICATION OF COMMISSIONER FOR PATENTS P.O. Box 1450
Alexandria, Viginia 22313-1450
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APPLICATION NUMBER

FILO OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/665,631

.... 09/22/2003

Ralph Duncan

1875.138000F

26111 STERNE, KESSLER, GOLDSTEIN & FOX PLLC 1100 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005

CONFIRMATION NO. 7309 FORMALITIES LETTER 1 TERUTUH KENTUN CERN CERN CORN CORN CORN CORN CERN KENTUR BENTUR BENTUR BENTUR BENTUR BENTUR BENTUR BENTUR BE *OC000000013661941*

Date Mailed: 08/27/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

\$130 Late oath or declaration Surcharge.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

10/27/2004 EAREGAY1 00000109 10665631

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130.00 OP

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE





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lyoti C. lyer* Laura A. Vogel Registered Patent Agents • Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Aaron L. Schwartz Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Michelle K. Holoubek

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*Admitted only in Maryland *Admitted only in Virginia •Practice Limited to Federal Agencies

October 26, 2004

WRITER'S DIRECT NUMBER: (202) 772-8675 INTERNET ADDRESS: JHELVEY@SKGF.COM

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Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Patent Application

Appl. No. 10/665,631; Filed: September 22, 2003

Integrated VCO Having An Improved Tuning Range Over Process

And Temperature Variations

Inventors: Our Ref:

Duncan et al. 1875.138000F

Sir:

In reply to the "Notice to File Missing Parts of Application--Filing Date Granted," dated August 27, 2004, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. Copy of the Notice to File Missing Parts;
- 3. Facsimile copy of executed Supplemental Declaration (3 pages);
- 4. Return postcard; and
- 5. PTO-2038 Credit Card Payment Form for \$130.00 to cover:

\$130.00 Surcharge for late filing fee or Declaration (37 C.F.R. § 1.16).

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com

Commissioner for Patents October 26, 2004 Page 2

abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey

Attorney for Applicants Registration No. 44,757

Enclosures

JTH/agj 327134_1.DOC Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	ıL				Complete i	mplete if Known			
/ TEES NAMOWIIIIAI	- [Application Number 10/665,631]	
			Filing Date			September 22, 2003			
OCT 2 6 ZUVI OF FY ZUUS Effective 10/01/2018. Patent fees are subject to annual revision.			First Named Inventor			Ralph Duncan			
<u> </u>			Examiner Name			(to be assigned)			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				2817	2817			
TOTAL AMOUNT OF PAYMENT (\$) 130.00		Attorr	ey Do	cket N	o. 1875.138	1875.138000F			
METHOD OF PAYMENT (check all that apply)	FEE CALCULATIO					ION (continue	d)		
Check X Credit card Money X Other* None	3. ADDITIONAL FEES Large Entity Small Entity								
*Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036.									
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	escription		Fee Paid	
Number	1051	130	2051		Surcharge - late	•		\$130.00	
Deposit Account Sterne, Kessler, Goldstein & Fox P.L.L.C.	1052	2 50 2052 25 Surcharge - late provisional filing fee or cover sheet					$\parallel \parallel \parallel$		
Name The Director is authorized to: (check all that apply)	1053	953 130 1053 130 Non-English specificatio							
Charge fee(s) indicated below Credit any overpayments		2,520		•		st for ex parte ree		 	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		Requesting publi Examiner action	cation of SIR prior	rto		
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting public Examiner action	ication of SIR afte	r		
to the above-identified deposit account.	1251	110	2251	55		ply within first mon	ıth		
FEE CALCULATION	1252	430	2252	215	i i	ply within second			
1. BASIC FILING FEE Large Entity Small Entity	1253	980	2253	490	Extension for re	ply within third mo	nth		
Fee Fee Fee Fee Description Fee Paid	1254	1,530	2254	765		ply within fourth m			
Code (\$) Code (\$) 1001 790 2001 395 Utility filing fee	1255	2,080	2255	1,040	Extension for re	ply within fifth mor	nth		
1002 350 2002 175 Design filing fee	1401	340	2401	170	Notice of Appea	ı			
1003 550 2003 275 Plant filing fee	1402	340	2402			support of an appe	al		
1004 790 2004 395 Reissue filing fee	1403	300	2403	150	Request for oral	hearing		<u> </u>	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institu	te a public use pr	oceeding	<u> </u>	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive	e - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,370	2453	685	Petition to revive	e - unintentional			
Fee from		1,370	2501	685	Utility issue fee	(or reissue)			
Extra Claims below Fee Paid Total Claims 10 - 20 - 0 X \$18.00 = \$0.00	1502	490	2502		ū	•			
Independent 2 2 **- 0 Y SSS 00 - SO 00	1503	660	2503	330	Plant issue fee				
Claims 2 - 3 - 6 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	1460	130	1460	130	Petitions to the		7(-)		
Large Entity Small Entity	1807	50	1807	50		under 37 CFR 1.1			
Fee Fee Fee <u>Fee Description</u>	1806	180	1806			iformation Disclos patent assignmen			
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	property (times	erty (times number of properties)			
1201 88 2201 44 Independent claims in excess of 3	1809	790	2809	395	Filing a submiss (37 CFR 1.129(a submission after final rejection CFR 1.129(a))			
1203 300 2203 150 Multiple dependent claim, if not paid	1810	790	2810	395		each additional invention to be			
1204 86 2204 43 ** Reissue independent claims over original patent	1801	790	2801	395	•	nined (37 CFR 1.129(b)) uest for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802								
	Other	fee (specify)							
SUBTOTAL (2) (\$) 0.00 **or number previously paid, if greater; For Reissues, see above	*Red	uced by	ed by Basic Filing Fee Paid SUBTOTAL (3) (\$)				(\$)	130,00	
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) Jeffrey T. Helvey	Registra			44,757	Telephone	(202) 37	1-2600		
Signature Cattorney/Agent) 44,/5/ Cattorney/Agent) Date Co/2.5/04/									
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be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.